BISHOPTHORPE

RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

1910.

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ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH FOR THE BISHOPTHORPE RURAL DISTRICT COUNCIL FOR THE YEAR 1910.

To the Chairman and Members of the Bishopthorpe Rural District Council.

Gentlemen,

I have the honour of submitting for your consideration my Report for the year 1910:—

The area of the District is 5,550 acres.

The population, 1,960.

BIRTH-RATE.

The births registered are 45, 21 males and 24 females. Of these, 2 males and 2 females are illegitimate. The birth-rate is 22·8 per 1,000 of the population, against 20·9 for 1909. The average for the previous ten years was 25·5. The rate for England and Wales for 1910 is 24·8.

DEATH-RATE.

The deaths registered are 32, 15 males and 17 females, giving a death-rate of 16·3 per 1,000 of the population. The average for the previous ten years was 13·4. Deducting the deaths of non-residents and adding the deaths of residents who have died in Public Institutions outside the District, we get a rate of 15·3. The rate for England and Wales for 1910 is 13·4.

The infantile mortality rate per 1,000 births registered is 198, against 166 in 1909. For England and Wales the rate is 106 per 1,000 births.

The Zymotic death-rate is ·5.

CAUSES OF DEATH DURING THE YEAR 1910.

There were 30 deaths:—Diphtheria, 1; Diarrhœa, 1; Enteritis, 1; Phthisis, 2; other Tuberculous Diseases, 1; Bronchitis, 4; Pneumonia, 3; Heart Diseases, 7; Accidents, 2; all other causes, 8.

CASES REPORTED UNDER THE NOTIFICATION OF INFECTIOUS DISEASES ACT.

Diphtheria, 6; Scarlet Fever, 14; total, 20; against 4 in 1909.

Diphtheria (6 cases).—All of these occurred in the village of Copmanthorpe; 5 in March and 1 in August. They were all in children, and 1 of them was fatal. Four of them, including the fatal case, occurred in one house. With the exception of this case, in which death occurred before the patient could be removed, all were taken to the Fever Hospital. On my first visit I found that the condition of the house and surroundings were so insanitary as might well give rise to an epidemic of the disease. Since that date the nuisances have been abated. One of the 2 remaining cases had been in contact with the former cases. In the sixth case, which occurred on August 5th, the disease was mild in character, and no apparent cause for it was traced.

Scarlet Fever (14 cases).—With the exception of 3, all the cases occurred at Dringhouses. The Fever was, on the whole, of a mild type and there was no death. Thirteen out of the 14 were removed to the Fever Hospital.

It was my duty to report, on June 29th, to the Local Government Board on an outbreak of Scarlet Fever at Dringhouses. The Report was to the following effect:—On March 15th a boy, aged 9, was notified from 16, Northfield Terrace, to be suffering from Scarlet Fever. He was attending the village school up to the time of his illness. He was at once removed to the Acomb Isolation Hospital, and the house, bedding, etc., thoroughly stoved and disinfected. There was no traceable cause of the outbreak other than that a child, a year before, had suffered from Scarlet Fever in the same house. A few days later another case

occurred on Dringhouses Moor; this child also was attending school. On the 18th of April, and on the 4th and 9th of May, further cases were notified—all attending school up to the time of illness. I advised, after consultation with the Chairman of the District Council, that the school should be closed for a month. This was done, and the school thoroughly disinfected. Shortly after its being re-opened, 3 further cases were notified—the last being on May 17th. Much to my surprise there were no further cases. Since the beginning of the outbreak, 8 cases in all were notified, occurring in different houses, all attending school, and, with the exception of 1, where isolation was efficient, all having been removed to the Fever Hospital as quickly as possible. The cases, on the whole, were mild in character and there was no death. All the houses were thoroughly stoved and disinfected, and your Inspector and I visited all cases exciting suspicion by absence from school, the names of these having been kindly given us, from time to time, by the schoolmaster.

Prior to the cases of Scarlet Fever referred to in the Special Report, 2 cases occurred at a house in Bishopthorpe, and 1 at Askham Richard. In both instances the history showed the Fever had in all probability been imported. Subsequent to the cases in the Report, 3 further cases occurred in separate houses at Dringhouses, apparently connected with those of the outbreak reported.

THE WATER SUPPLY OF THE DISTRICT.

I am happy to say that, at Copmanthorpe, during the year, a supply of water has been laid by the York Waterworks Company to that village, and that already nearly all the inhabitants have availed themselves of it. Acaster Malbis is now the only village in the District which does not derive its water from a public supply. Recent analyses of water from the wells in Acaster Malbis show the need for such a supply.

PUBLIC SCAVENGING.

The Council have wisely decided to adopt Public Scavenging for Dringhouses. It is to be hoped that the privies and ashpits

in the other villages will receive the attention of the public scavenger. It would certainly be to the advantage of the public health if that were the case.

COWSHEDS, DAIRIES, &c.

The cowsheds in the District are, on the whole, in a satisfactory condition, but certain improvements in regard to some might be made with advantage.

FACTORIES AND WORKSHOPS ACT.

The two factories in the District are in a satisfactory condition, and have been duly inspected.

REARING OF INFANTS.

The infantile mortality rate is still much too high, being 198 per 1,000 births registered, as compared with 106 for the whole of England and Wales. Dr. Kaye's pamphlet on the rearing of infants should certainly be redistributed, as its instruction, if carefully followed out, would undoubtedly tend to lower this high mortality.

THE EDUCATION ACT.

The Medical Inspection of School Children has been systematically carried out by the Medical Officer specially appointed by the West Riding County Council, and a general improvement is noticeable in the appearance of the children.

PREVENTION OF CONSUMPTION.

The voluntary notification of Phthisis has been decided upon by the Council. Permission has likewise been given by the Council to your Medical Officer of Health to call in the services of a Veterinary Surgeon in suspected cases of tuberculosis in milk cows and in cattle intended for human consumption.

DIPHTHERIA ANTITOXIN.

Arrangements have been made for supplying Diphtheria Antitoxin free to medical men attending cases in the District.

HOUSING OF WORKING CLASSES ACT.

This Act, if faithfully carried out, must prove of great advantage to the health of the community.

REPORT OF THE MEDICAL OFFICER OF THE WEST RIDING COUNTY COUNCIL ON THE BISHOPTHORPE RURAL DISTRICT.

An interesting and valuable Report on the sanitary condition of the District has been received from Dr. Kay, which contains suggestions that the Council have decided to adopt as far as is possible, and will prove of great service in the District.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

ALWYN RAMES, M.D.,

Medical Officer of Health.

BISHOPTHORPE RURAL DISTRICT COUNCIL.

INSPECTOR OF NUISANCES' REPORT FOR YEAR 1910.

Copmanthorpe,
February, 1911.

Mr. Chairman and Gentlemen,

During the past year 4 new houses have been built at Bishopthorpe; 2 cottages and a private laundry have been built at Middlethorpe; 3 new villas have been built at Dringhouses; and 2 new houses have been built at Copmanthorpe.

At Dringhouses, 3 new houses have been connected with the sewer; also a new cottage and a private laundry, built at Middlethorpe Lodge, have been drained into the sewers.

The York water mains are now laid to Copmanthorpe, and since September, 57 houses have had water laid on: in 47 houses the water has been laid direct into each house; the other 10 have stand pipes; in 4 houses, hot and cold water is now laid on and baths fixed. There are 10 houses in the village which have not got the York water, besides the Railway cottages.

Yours faithfully,

JOHN HY. DYKES.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1910 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Deaths of Residents Registered in Public Institutions beyond the District.	Total Deaths in Public Institutions beyond the District.	Net Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.					
		Number.	Rate.*	Number.	Rate per 1,000 Births Registered.	Number.	Rate.*			Number.	Rate.*
1900	1855	50	26·9	7	3·7	27	14·5	—	—	—	—
1901	1960	53	26·5	5	2·5	26	13·2	—	—	—	—
1902	,,	51	26·2	6	3·0	27	13·7	—	—	—	—
1903	,,	57	29·0	5	2·5	23	11·7	—	—	21	10·7
1904	,,	62	31·6	19	9·0	35	17·8	—	—	38	19·3
1905	,,	64	32·6	13	6·6	34	17·3	2	—	33	16·8
1906	,,	46	23·4	4	1·0	23	11·7	2	—	22	11·2
1907	,,	38	19·3	7	3·5	28	14·2	1	—	27	13·7
1908	,,	41	20·9	4	2·0	24	12·2	2	—	24	12.2
1909	,,	42	20·9	7	3·5	24	12·2	2	—	24	12·2
Averages for years 1900–1909	1949½	50⅖	25·5	7 7/10	3·3	27 1/10	13·4	—	—	—	—
1910	1960	45	22·8	9	4·5 (198)	32	16·3	4	—	30	15·3

* The rates in these columns are calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) .. 5,550.

Total population at all ages	1,960	At Census of 1901.
Number of inhabited houses	429	
Average number of persons per house	4	

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1910 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
1900	1,855	50	27	7
1901	1,960	53	26	5
1902	,,	51	27	6
1903	,,	57	23	5
1904	,,	62	35	19
1905	,,	64	34	13
1906	,,	46	23	4
1907	,,	38	28	7
1908	,,	41	24	4
1909	,,	42	24	7
Averages of Years 1900 to 1909	$1,949\frac{1}{2}$	$50\frac{2}{5}$	$27\frac{1}{10}$	$7\frac{7}{10}$
1910	1,960	45	32	9

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1910.

Notifiable Disease.	Cases Notified in whole District						Total Cases Notified in each Locality.	No. of Cases Removed to Hospital from each Locality
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	65 & upwards		
Diphtheria (including Membranous croup)	6	—	1	4	1	—	6	3
Erysipelas ..	—	—	—	—	—	—	—	—
Scarlet Fever ..	14	—	2	11	1	—	14	13
TOTALS ..	20	—	3	15	2	—	20	16

Isolation Hospitals —Ouseburn Isolation Hospital and York County Hospital (the latter for Typhoid cases occasionally).

Total available beds—Variable.

Number of Diseases that can be concurrently treated—All infectious.

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1910.

Causes of Death.	Deaths at the subjoined Ages of Residents, whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belonging to Localities, whether occurring in or beyond the District.						
	All Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.							
Diphtheria (including Membranous croup)	1	—	—	1	—	—	—	1						
Diarrhœa	1	1	—	—	—	—	—	1						
Enteritis	1	1	—	—	—	—	—	1						
Phthisis (Pulmonary Tuberculosis)	2	—	—	—	1	1	—	2						
Other tuberculous diseases..	1	1	—	—	—	—	—	1						
Cancer, malignant disease..	—	—	—	—	—	—	—	—						
Bronchitis	4	2	—	—	—	—	2	4						
Pneumonia	3	2	1	—	—	—	—	3						
Heart Diseases	7	1	—	—	—	—	6	7						
Accidents	2	—	—	—	—	1	1	2						
All other causes	8	2	—	—	—	2	4	8						
All causes	30	10	1	1	1	4	13	30						

INFANTILE MORTALITY DURING THE YEAR 1910.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.

CAUSE OF DEATH.	1—2 Weeks.	Total under 1 Month.	1—2 Months.	2—3 Months.	4—5 Months.	5—6 Months.	7—8 Months.	9—10 Months.	Total Deaths under 1 Year.
ALL CAUSES.—Certified	1	1	1	1	1	2	2	2	10
Diarrhœal Diseases—									
Diarrhœa, all forms	—	—	—	—	—	1	—	—	1
Enteritis, Muco-enteritis, Gastro-enteritis	—	—	—	—	—	—	—	1	1
Wasting Diseases—									
Premature Birth	1	1	—	—	—	—	—	—	1
Atrophy, Debility, Marasmus ..	—	—	—	—	—	—	—	—	—
Tuberculous Diseases—									
Tuberculous Peritonitis: Tabes Mesenterica	—	—	—	—	1	—	—	—	1
Other Causes—									
Convulsions	—	—	1	—	—	—	—	—	1
Bronchitis	—	—	—	1	—	—	1	—	2
Pneumonia	—	—	—	—	—	1	1	—	2
Other causes	—	—	—	—	—	—	—	1	1
TOTALS	1	1	1	1	1	2	2	2	10

Births in the year—Legitimate, 41; Illegitimate, 4.

Deaths in the year of legitimate infants, 8; Illegitimate infants, 2.

Deaths from all causes at all ages, 32.

Population (estimated to middle of 1910) 1,960.

TABLE C.—1910.

WATER SUPPLY—

Any development during 1910? Water laid on to Copmanthorpe from York City Mains.

Developments still needed? Yes.

Any complaints as to (*a*) insufficiency? No.

(*b*) unsatisfactory quality? No.

(*c*) plumbo solvent action? No.

SEWERAGE—

Developments during 1910? None.

Developments still needed? Yes.

SEWAGE DISPOSAL—

Any complaint as to outfall works? No.

SCAVENGING—

Any inadequacy, and where? Yes. Public Scavenging adopted at Dringhouses.

BY-LAWS AND REGULATIONS—

Any adopted or sanctioned during 1910? None.

ADOPTIVE ACTS—

Any steps taken for the consideration, adoption, or application of:—

(*a*) Notification of Births Act, 1907? No.

Regulated Buildings, Trades, &c.	No. in District.	No. on Register.	Total No. of Inspections made.	General Condition.	Legal Proceedings (if any).
Common lodging-houses	—	—	—	—	—
Canal boats ..	—	—	—	—	—
Slaughter-houses..	2	2	6	Good.	None.
Cowsheds	6	6	6	Good.	None.
Milk Purveyors ..	2	2	6	Good.	None.

COWSHEDS—

Any special inspection made during 1910? Yes, with County Inspector.

What arrangement for Veterinary Inspection of Dairy Cows? Veterinary Surgeon called in by Medical Officer of Health when required.

INFECTIOUS DISEASE—

Any suspected spread by rats, dogs, cats, fowls, flies, or fleas? No.

What arrangements for supply of Antitoxin? Supplied free from Council, per Chemist in the City.

ISOLATION HOSPITAL—

Any observation on adequacy or efficiency? No.

Is any part used for other purpose than that originally intended? No.

SCHOOLS—

Any investigations undertaken by Medical Officer of Health? No.

PREVENTION OF CONSUMPTION—

What system of notification? Voluntary. Its success? Not known.
What arrangement for treatment of patients on sanatorium lines? None.
Any sanitary inspection of patients' houses? Yes.
Any disinfection of patients' houses? Yes.
Any distribution of advice? Yes.
Any action *re* spitting? No.
Any disinfection of public rooms, vehicles, &c.? Yes, when required.

HOUSING, TOWN PLANNING, &c., ACT—

Is house-to-house inspection systematically made? No.
Are there any working-class dwellings erected by the Sanitary Authority? No.
Any special activity in house-building? No.
Number of new houses built during 1910. 11.
General character. Small villas and cottages.

INFANTILE MORTALITY—

What organised effort to control it? None.
Is Health Visitor appointed by S.A.? No. By other body? No.

NUISANCES—

Total number of nuisances in hand at close of 1909. None.
At close of 1910. 2.
Reported during 1910. 4.
Abated during 1910. 4.
Total number of legal notices served for abatement of nuisances during 1910. None.
Total number of summonses or other legal proceedings. None.
Number of sink wastes disconnected during 1910. None.
Number of sink wastes trapped during 1910. None.
Number of closets newly constructed during 1910. 8.
Kinds—Earth closets.
Number of closets reconstructed during 1910. None.

MISCELLANEOUS

What mortuary accommodation for infectious cases? None.
Number of burial grounds? 4.
Any need for extensions? Yes. Copmanthorpe.
Seizures of unsound food. None.
Number of samples of food and drugs analysed in 1910? None.
Number of smoke observations taken. None.

BIRTHS DURING 1910—

Males, 21. Females, 24. Total, 45.
Number of illegitimate, included in above. 4.
Number of still-births (not included). None.

DEATHS DURING 1910—

(1) Gross deaths, i.e., total actually registered in the District, without any correction. 32.
(2) Net deaths, on which the rates are calculated—
Males, 15. Females, 17. Total, 32.
Number uncertified, included in the above. None.